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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/577,457	04/27/2006	Takamitsu Yamanaka	AI 409NP	5045	
23995 RABIN & Berd	7590 12/24/200 lo, PC	EXAMINER			
1101 14TH STI		CHHAYA, SWAPNEEL			
SUITE 500 WASHINGTO	N, DC 20005	ART UNIT	PAPER NUMBER		
			2895		
			MAIL DATE	DELIVERY MODE	
			12/24/2008	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary		Application No. Applicant(s)		Applicant(s)					
		10/577,45	7	YAMANAKA, TA	YAMANAKA, TAKAMITSU				
		Examiner		Art Unit					
				L CHHAYA	2895				
Period fo	The MAILING DATE of this commun or Reply	nication app	ears on the	cover sheet with th	e correspondence a	ddress			
WHIC - Exter after - If NC - Failu Any r	CRTENED STATUTORY PERIOD FOR CHEVER IS LONGER, FROM THE IN INSIGN SIX (6) MONTHS from the mailing date of this compared for reply is specified above, the maximum is the to reply within the set or extended period for reply received by the Office later than three months and patent term adjustment. See 37 CFR 1.704(b).	MAILING DA s of 37 CFR 1.13 munication. tatutory period w y will, by statute,	ATE OF TH 66(a). In no ever ill apply and will cause the appli	IS COMMUNICATI nt, however, may a reply be expire SIX (6) MONTHS fi cation to become ABANDO	ON. The timely filed rom the mailing date of this NED (35 U.S.C. § 133).	·			
Status									
1) 又	Responsive to communication(s) file	ed on <i>28 Oc</i>	ctober 2008	?					
· · · · · · · · · · · · · · · · · · ·				-					
3)	This action is FINAL . 2b) This action is non-final. Since this application is in condition for allowance except for formal matters, prosecution as to the merits is								
٥,١	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.								
Disnositi	on of Claims			. y ,					
-									
	Claim(s) <u>1-4</u> is/are pending in the application.								
	4a) Of the above claim(s) is/are withdrawn from consideration.								
	Claim(s) is/are allowed.								
·	Claim(s) <u>1-4</u> is/are rejected.								
	Claim(s) is/are objected to.								
8) 🔀	Claim(s) <u>4-17</u> are subject to restrict	ion and/or e	election requ	uirement.					
Applicati	on Papers								
9)	The specification is objected to by th	ne Examiner	r.						
10)🛛	10)⊠ The drawing(s) filed on <u>27 April 2006</u> is/are: a)⊠ accepted or b)□ objected to by the Examiner.								
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).								
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11)	11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority ເ	ınder 35 U.S.C. § 119								
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 									
2) Notic 3) Inforr	t(s) e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (ination Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date 8/14/2008 and 4/27/2008.			4) Interview Summ Paper No(s)/Mai 5) Notice of Informa 6) Other:					

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DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of claims 1-4 in the reply filed on 10/28/2008 is acknowledged.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States

2. Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by (JP 06-268162).

1.

A semiconductor device comprising:

a semiconductor substrate (Fig. 1 10 page 2 paragraph 0013)

a first region defined on the semiconductor substrate and having a first device formation region isolated by a device isolation portion formed by filling an insulator in a trench (33)

formed in the semiconductor substrate; (Fig. 1 page 2 paragraphs 0013-0016)

a first device (30) provided in the first device formation region (Fig. 1 page 2 paragraph

0014-0015)

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a second region (33) defined on the semiconductor substrate separately from the first region and having a second device formation region (Fig. 1 page 2 paragraph 0014) and

a second device provided in the second device formation region and having a higher breakdown voltage than the first device, the second device having a drift drain structure in which a LOCOS oxide film thicker than a gate insulation film thereof is disposed at an edge of a gate electrode thereof. (Fig. 1-2 page 2 paragraph 0014-0015), please note that the drift drain structure is defined in the specification of the applicant wherein the concentration of the electric field is prevented by locating the thick oxide film at the edge of the gate electrode.

2.

A semiconductor device as set forth in claim 1,

wherein the second device formation region is a region isolated by a device isolation portion formed by filling an insulator in a trench formed in the semiconductor substrate. (Fig. 1 page 2 paragraphs 0013-0016)

3.

A semiconductor device as set forth in claim 1,

wherein the second device formation region is a region isolated by a LOCOS oxide film. (Fig. 1-2 page 2 paragraph 0014-0015),

4.

A semiconductor device as set forth in claim 1, wherein the first device has a smaller device size than the second device. (Fig. 1)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SWAPNEEL CHHAYA whose telephone number is (571)270-1434. The examiner can normally be reached on Monday- Thursday 9:30-7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Richards can be reached on 571-272-1736. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.